Lohmann & Rauscher

VENOSAN® Flat
Flat knit compression garments



VENOSAN®
Compression Stockings

www.Lohmann-Rauscher.com.au



Flat Knit Compression Garments from VENOSAN®
Always the right choice.

The addition of VENOSAN Flat to the VENOSAN range, means that we are now able to provide a complete range of compression garments - offering high quality compression solutions for lymphatic and vascular conditions.

Why choose VENOSAN Flat®

- extremely high quality, made-to-measure compression garments
  - design, fabric and manufacturing
  - RAL certified
  - Oeko-Tex Standard 100
- a comprehensive range of upper and lower extremity stockings
- 3 types of fabrics – enhanced ability to select the fabric that best suits your patients needs
  - **VENOSAN** Soft
  - **VENOSAN** Pro
  - **VENOSAN** Strong

The 3 **VENOSAN** Flat fabrics – choose the fabric that suits your patients needs:

VENOSAN® SOFT

Providing patient comfort and concordance with a softer fabric – whilst delivering effective compression.

- extremely soft and durable
- easy to don and doff
- latex-free
- classes 1, 2 and 3
- beige and black
- low to medium stiffness

VENOSAN® PRO

Providing the fabric stiffness ideal for containing chronic oedema and lymphoedema, whilst maintaining patient comfort and concordance.

- smooth and durable
- increased containment
- easy to don and doff
- classes 2 and 3
- beige and black
- medium stiffness

VENOSAN® STRONG

Providing patients with the highest in fabric stiffness, ideal for patients who are requiring a high level of containment in the lower limb.

- smooth and durable
- relatively breathable
- highest containment
- latex-free
- classes 3 and 4
- beige
- high stiffness

VENOSAN® Flat
When to use which product?

Stiffness	Class 1 18–21 mmHg	Class 2 23–32 mmHg	Class 3 34–46 mmHg	Class 4 > 49 mmHg
Low	VENOSAN® SOFT	VENOSAN® SOFT		
Medium		VENOSAN® PRO	VENOSAN® SOFT & PRO	
High			VENOSAN® STRONG	VENOSAN® STRONG

The VENOSAN® flat knit range

3 fabrics across 4 compression classes - to select the most suitable product for your patient

VENOSAN® SOFT 1 & 2

CCL 1 CCL 2

- when a class 1 or 2 soft stocking with low stiffness is indicated
- with fragile skin due to age or medication prescribed
- in case of Latex allergy or sensitivity
- with little or no oedema

VENOSAN® PRO 2

CCL 2

- when a class 2 firm stocking with medium stiffness is indicated
- with ‘normal’ skin and normal class 2 indications
- with some oedema

VENOSAN® SOFT 3

CCL 3

- when a class 3 soft stocking with medium stiffness is indicated
- with fragile skin due to age or medication prescribed
- with little to moderate oedema
- in case of Latex allergy or sensitivity





Why is an increased stiffness relevant?

Several studies have demonstrated that the stiffness of compression products plays a major role for their haemodynamic efficacy. Stiffer textiles have short stretch properties with low resting and higher working pressure. It is a crucial factor to predict their effectiveness and tolerability for patients. The greater the stiffness of a fabric, the greater its massaging effect during movement.*

VENOSAN® PRO 3

CCL 3

- when a class 3 firm stocking with a little more than medium stiffness is indicated
- with ‘normal’ skin and normal class 3 indications
- with moderate oedema

VENOSAN® STRONG 3

CCL 3

- when a class 3 stocking with high stiffness is indicated
- serious indications
- standard option: T-heel
- in case of Latex allergy or sensitivity

VENOSAN® STRONG 4

CCL 4

- when a class 4 firm stocking with very high stiffness is indicated
- ‘heavy’ worker for very serious indications
- standard option: T-heel
- in case of Latex allergy or sensitivity

* Ehmann, S.; Bjork, R. (2019) S.T.R.I.D.E. Professional Guide to Compression Garment Selection for the Lower Extremity.

VENOSAN® Flat
Compression stockings for lower limbs at a glance.

VENOSAN® SOFT (Latex Free)

Compression Class	CCL 1 Class 1 18-21 mmHg	CCL 2 Class 2 23-32 mmHg	CCL 3 Class 3 34-46 mmHg
Colour range	● ●	● ●	● ●
Stiffness	Low	Low	Medium

VENOSAN® PRO

Compression Class	CCL 2 Class 2 23-32 mmHg	CCL 3 Class 3 34-46 mmHg
Colour range	● ●	● ●
Stiffness	Medium	Medium

VENOSAN® STRONG (Latex Free)

Compression Class	CCL 3 Class 3 34-46 mmHg	CCL 4 Class 4 and 4S >49 mmHg
Colour range	●	●
Stiffness	High	High



Lower Limb Options


Closed toe


Closed toe - Oblique finish


Open toe


Open toe – Oblique finish

VENOSAN® Flat
Model overview for lower limbs.



AB
Ankle



AD
Below Knee



AF
Mid Thigh



AG
Thigh High



AGT
Thigh High with waist attachment



AT
Pantyhose



ATS
Single Leg Pantyhose. Short side can finish at point F or G.



BD
Ankle to Knee



BT
Ankle to Waist



DF
Knee



DG
Knee to Thigh



DGT
Knee to Thigh with waist attachment



DT
Knee to Waist (Capri)



DTS
Single Leg Capri. Short side can finish at point F and G.



FT
Bermuda Pantyhose



FTGT
Single Leg Bermuda Pantyhose



Silicone Band – 3cm & 5cm



T-Heel



Oblique G

Additional options available include:

- Open crotch
- Curved knee
- Horizontal fly
- Elastic band 5cm

VENOSAN® Flat
Compression stockings for upper limbs at a glance.

VENOSAN® SOFT

Latex Free

Compression Class	CCL 1 Class 1 18-21 mmHg	CCL 2 Class 2 23-32 mmHg	CCL 3 Class 3 34-46 mmHg
Colour range			
Stiffness	Low	Low	Medium

VENOSAN® PRO

Compression Class	CCL 2 Class 2 23-32 mmHg	CCL 3 Class 3 34-46 mmHg
Colour range		
Stiffness	Medium	Medium



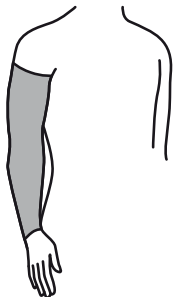


Comfort elbow. Standard inclusion in Armsleeves

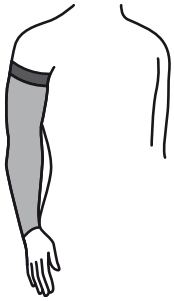


Gauntlet

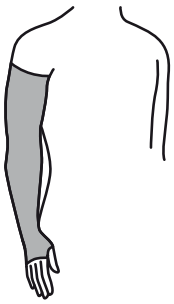
VENOSAN® Flat
Model overview for upper limbs.



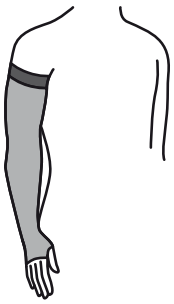
CG
Wrist to Axilla Armsleeve



CGH
Wrist to Axilla Armsleeve
with silicone



AG
Armsleeve with fixed gauntlet



AGH
Armsleeve with fixed gauntlet
silicone



AC1
Gauntlet

Upper Limb Options



Silicone Band – 3cm & 5cm



Oblique G



VENOSAN® Flat
Range overview

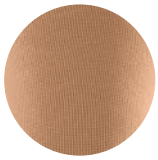
		VENOSAN® SOFT (Latex Free)			VENOSAN® PRO		VENOSAN® STRONG (Latex Free)		
	Colour range	Beige Black			Beige Black		Beige		
	Compression Class	Class 1 (18-21 mmHg)	Class 2 (23-32 mmHg)	Class 3 (34-46 mmHg)	Class 2 (23-32 mmHg)	Class 3 (34-46 mmHg)	Class 3 (34-46 mmHg)	Class 4 (>49 mmHg)	Class 4S (>49 mmHg)
Lower Extremity									
AB	Ankle	●	●	●	●	●	●	–	–
AD	Below Knee	●	●	●	●	●	●	●	●
AF	Mid Thigh	●	●	●	●	●	●	●	●
AG	Thigh High	●	●	●	●	●	●	●	●
AGT	Thigh High w. Waist Attachment	●	●	●	●	●	●	●	●
AT	Pantyhose	●	●	●	●	●	●	●	●
ATS	Single Leg Pantyhose, short side finishing at point F or G	●	●	●	●	●	●	●	●
BD	Ankle To Knee	●	●	●	●	●	●	●	●
BT	Ankle To Waist	●	●	●	●	●	●	●	●
DF	Knee	●	●	●	●	●	●	●	●
DG	Knee To Thigh	●	●	●	●	●	●	●	●
DGT	Knee To Thigh w. Hip Attachment	●	●	●	●	●	●	●	●
DT	Knee To Waist (Capri)	●	●	●	●	●	●	●	●
DTS	Single Leg Capri, short side finishing at point F or G	●	●	●	●	●	●	●	●
FT	Bermuda Pantyhose	●	●	●	●	●	●	●	●
FTGT	Single Leg Bermuda Pantyhose	●	●	●	●	●	●	●	●
Options									
	Silicone band 3cm	●	●	●	●	●	●	●	●
	Silicone band 5cm	●	●	●	●	●	●	●	●
	Elastic band 5cm	●	●	●	●	●	●	●	●
	Open Toe	●	●	●	●	●	●	●	●
	Closed Toe	●	●	●	●	●	●	●	●
	Oblique G	●	●	●	●	●	●	●	●
	Oblique foot (open or closed toe)	●	●	●	●	●	●	●	●
	Stockings in two parts	●	●	●	●	●	●	●	●
	Shortened instep / T-Heel	●	●	●	●	●	Standard option	Standard option	Standard option
	Full compression body part	–	●	●	●	●	●	●	●
	Curved Knee	●	●	●	●	●	●	●	●
	Horizontal Fly	●	●	●	●	●	●	●	●
	Open Crutch	●	●	●	●	●	●	●	●

Upper Extremity						
AC1	Gauntlet	-	-	-	●	●
AG	Palm To Axilla	-	-	-	●	●
CG	Wrist To Axilla	●	●	●	●	●
Options/Modifications						
	Silicone band 3cm	●	●	●	●	●
	Silicone band 5cm	●	●	●	●	●
	Oblique G	●	●	●	-	-

Fabric colours



Black



Beige

VENOSAN® Flat
Product overview

Most Common Styles



AD Below Knee



AG Thigh Length



AT Pantyhose



CG Armsleeve



AC1 Gauntlet

Finishes



Standard Finish



Silicone Band – 3cm & 5cm



Elastic Band – 5cm

Foot Options



Closed toe



Closed toe – Oblique finish



Open toe



Open toe – Oblique finish

Other Options



T-Heel



Oblique G



Curved Knee



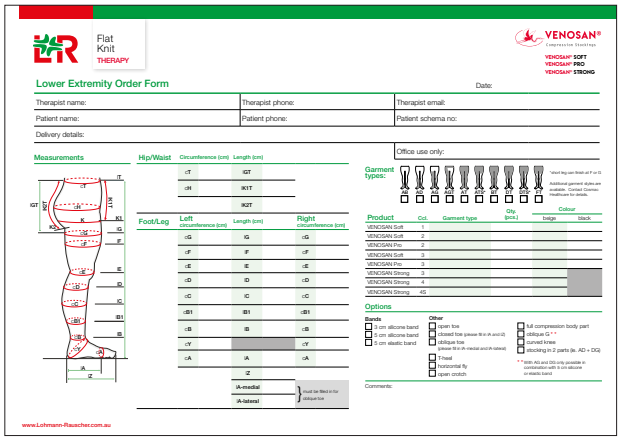
Horizontal Fly



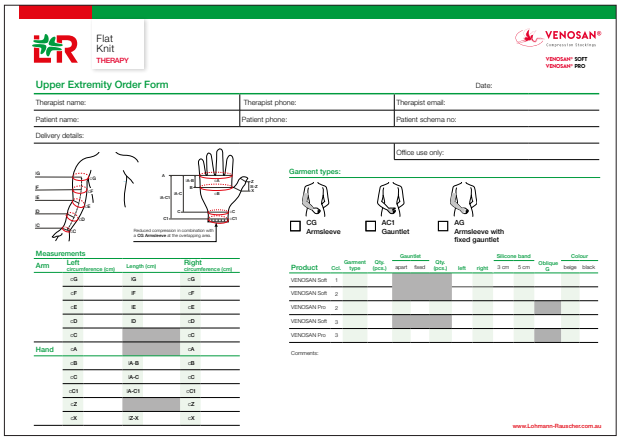
Open Crotch

Lohmann & Rauscher

Measuring and Order forms



To view or download the Lower Extremity order form, scan the QR code or visit **lranz.com/vflat-orderformLE**



To view or download the Upper Extremity order form, scan the QR code or visit **lranz.com/vflat-orderformUE**



To view the detailed measuring guide, please scan the QR code or visit **lranz.com/venosanflat**

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CompressionCatalogue



VENOSAN®
Compression Stockings

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